

Bentley Trust Licensing Conversion Guide

Starting in January 2014, a number of Bentley's structural and offshore products will be moving to Trust Licensing. This is the same licensing system used by all other Bentley products. This document explains the changes involved.

The conversion from IEG Licensing to Trust Licensing affects STAAD, RAM, SACS, Bentley AutoPIPE, RM Bridge, Maxsurf and Multiframe. With each release of these products during Q3 2013, Bentley has made a number of enhancements related to how SELECTserver licensing works. The major change is the adoption of Trust Licensing – the same licensing used by all other Bentley products.

Trust Licensing ensures uninterrupted access to run your Bentley software, regardless of the availability of licenses. To help you avoid project disruptions, SELECTserver enables Trust Licensing, which eliminates time wasted waiting to run software when licenses are not immediately accessible. Trust Licensing gives you the freedom and flexibility to use the software you need, when and where you need it, with license usage insight to make informed decisions about your organization's license needs. In previous versions of the software, a licensing service was used to check out a license when the application started up and check it back in when the program exited. This restricted the use of software once all the current licenses were in use. These applications now use the Trust Licensing approach that is a major benefit of your Bentley SELECT subscription.

Trust Licensing allows any member of your engineering team to run the software at any time. It eliminates the need to have an uninterrupted connection to SELECTserver, providing greater flexibility and reliability in operation. Instead of requiring the connection to SELECTserver, the software simply records usage of the application and allows you to access reports to see how licenses are being used in your team. License usage is aggregated and reported to SELECTserver at least once every 30 days. This is the same usage reporting that has been occurring with your licensing up until now.

You can review your team's usage of the software you own via an easy-to-use web-based interface through a wide range of reports. These reports are available at <http://selectserver.bentley.com>. They let you see who used what software and when. This information will be valuable to you in ensuring that you are getting best value from your software. The designated account contact for your organization will have permission to sign in to this server and review these reports. This SELECTserver web portal also includes tools for managing licenses including managing check-outs, forcing check-ins of licenses, if required, and controlling access to applications.

If your usage shows a peak usage greater than the number of licenses you own, your Bentley account manager will contact you to discuss whether your current license portfolio matches your license needs. The account manager can recommend a range of options to true-up to ensure you have the licenses you need. Peak usage is the maximum number of licenses that are used within any one-hour period.

If you would like more information on SELECTserver, visit:
<http://www.bentley.com/en-US/Products/SELECT+Server/>.

For more information on the benefits of trust licensing and the true-up process, visit:
<http://www.bentley.com/trust>.

For full technical details on SELECTserver licensing, start with the Introduction section of the following user manual:
<https://selectserver.bentley.com/BSS/Admin/Help/en/index.html>.

Trust Licensing Best Practices

- Ensure that your designated contact person and/or system administrator is able to sign in to selectserver.bentley.com and view reports on license usage.
- Configure SELECTserver to send over-usage messages to a designated administrator weekly.
- Review your license usage via the web portal about every two weeks to better understand how your team uses licenses.
- To review how licenses are being used in your organization, use the Peak Usage reports from the Reports menu.
- To control what licenses can be used on what machines, use the Client Access Restrictions command in the Site Configuration menu of SELECTserver to apply these controls.
- Communicate with your Bentley account manager about your license usage, particularly if you expect your peak usage to increase above the number of licenses you own. You may wish to review the [True-Up](#) document to best understand your options.
- Use license check-out only when you need to work off site without an Internet connection for more than 30 days. There is no need to check out licenses when working in a connected environment, and doing so will record that license as being continuously in use. This may add to your peak usage level.
- Use the License Management Tool installed with your application to view what licenses you have available and if you have any licenses checked out on your machine.

Trust Licensing FAQ

Which versions of the products use Trust Licensing?

All products with a version number equal to or greater than that shown in the table below use Trust Licensing.

Product Line	Version
AutoPIPE	9.6.0.0
AutoPIPE Vessel	33.1.0.0
STAAD	SS 5, 20.7.10.00
RAM	14.06.00.00
SACS	5.6.0.0
Maxsurf	20.0.0.0
Multiframe	17.0.0.0
RM Bridge	8.10.18.0

Can I use non-trust-licensed and trust-licensed versions of SACS on the same network?

Yes, you can mix and match trust- and non-trust-licensed versions of the software on the same network and even on the same project. Note that non-trust-licensed versions will effectively be checking out the product license for the entire run time of the product or, if you are offline, it will continue to run until checked back in. To check out a license for offline use with trust licensing, refer to the License Management Instruction at:

http://communities.bentley.com/products/licensing/w/licensing_wiki/license-management-tool.aspx.

If I use more licenses than I own, will I automatically get a bill from Bentley?

If your license usage reports show that your peak usage is higher than the number of licenses that you own, your Bentley account manager will contact you to discuss options. These options may include adding more licenses, changing the mix of licenses that you own, short-term leasing of licenses or changing how you use licenses. You can read more details in the [Bentley True-up Process Guide](#).

Do I need an Internet connection to use Trust Licensing?

An Internet connection is required only when activating your license and once a month to record usage on the SELECTserver. You can also manually submit usage logs if your security requirements mean that an Internet connection is not possible.

What practical effects will there be from Trust Licensing?

Practical effects of Trust Licensing include:

- Eliminating the need to download and install the IEG licensing service;
- Internet service required only for activation of the license and for monthly usage updates;
- Licenses are no longer automatically checked out while the software is running;
- The ability to run the software when someone else has the license(s) checked out.

Do multiple sessions of the software on one machine record multiple uses?

No, usage is recorded per machine. The application can run many times on one machine and only one use will be recorded. It does not record multiple uses.

Our SELECT licensing agreement mentions peak usage within an interval. What is that interval and how is peak usage calculated?

A SELECT subscription interval is one hour. For example, 11 a.m. to 12 p.m. SELECTserver counts the number of licenses used from the license pool during each interval. The daily peak usage is the highest number of licenses used during any one-hour interval during that day. For more on how usage is calculated, visit:

http://communities.bentley.com/products/licensing/b/licensing_blog/archive/2010/05/27/what-is-usage-and-how-is-it-calculated.aspx.

Do I need to check out licenses to use SACS?

There is no need to check out a license to your machine unless you are going to be working offline for 30 days or more. In fact, checking out a license will record the license as being in continuous use, which could potentially increase the calculation of your firm's peak license usage.

Is the license usage logging secure and private?

Trust licensing uses the same usage logging mechanism you are using now with non-trust licensing. It transmits usage data using standard Internet protocols and obscures user and machine names using an SHA-1 hash so that they cannot be read outside your organization.

Where can I get training on how to understand and monitor license usage?

SELECT subscribers are able to access SELECTserver training through the Bentley LEARN server.